

Payload Plan

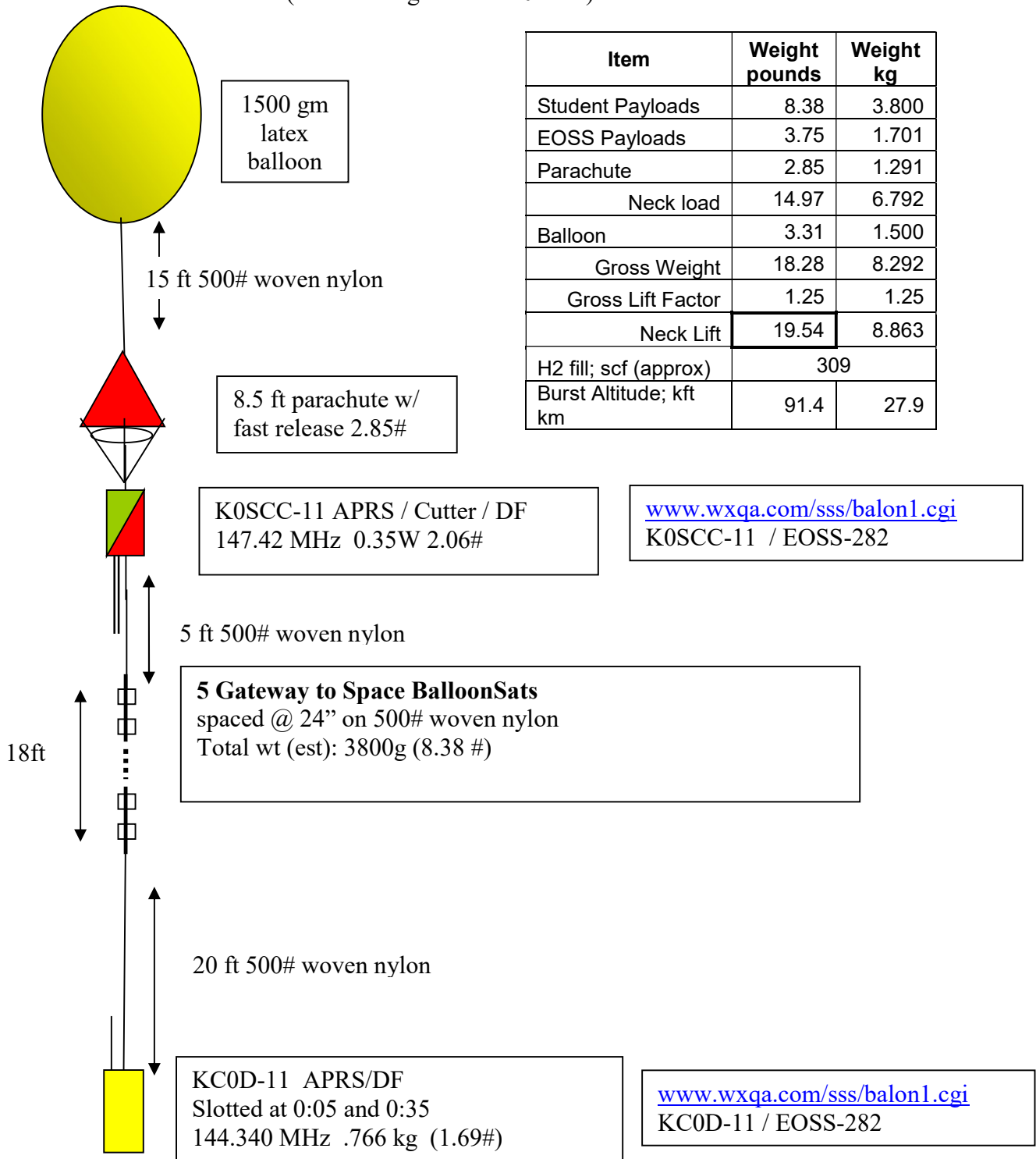
EOSS-282 Lite

0700 MDT, 10 Nov 2017

Rev A

Eaton, CO

(removed digi from KC0D-11)



Item	Weight pounds	Weight kg
Student Payloads	8.38	3.800
EOSS Payloads	3.75	1.701
Parachute	2.85	1.291
Neck load	14.97	6.792
Balloon	3.31	1.500
Gross Weight	18.28	8.292
Gross Lift Factor	1.25	1.25
Neck Lift	19.54	8.863
H2 fill; scf (approx)	309	
Burst Altitude; kft km	91.4	27.9

1500 gm latex balloon

15 ft 500# woven nylon

8.5 ft parachute w/ fast release 2.85#

K0SCC-11 APRS / Cutter / DF
147.42 MHz 0.35W 2.06#

www.wxqa.com/sss/balon1.cgi
K0SCC-11 / EOSS-282

5 ft 500# woven nylon

5 Gateway to Space BalloonSats
spaced @ 24" on 500# woven nylon
Total wt (est): 3800g (8.38 #)

18ft

20 ft 500# woven nylon

KC0D-11 APRS/DF
Slotted at 0:05 and 0:35
144.340 MHz .766 kg (1.69#)

www.wxqa.com/sss/balon1.cgi
KC0D-11 / EOSS-282